(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 25 August 2005 (25.08.2005)

PCT

(10) International Publication Number WO 2005/078611 A1

(51) International Patent Classification⁷: G06F 17/60

(21) International Application Number:

PCT/EP2005/050620

(22) International Filing Date: 11 February 2005 (11.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10/779,343 12 February 2004 (12.02.2004) US 04103665.8 29 July 2004 (29.07.2004) EP

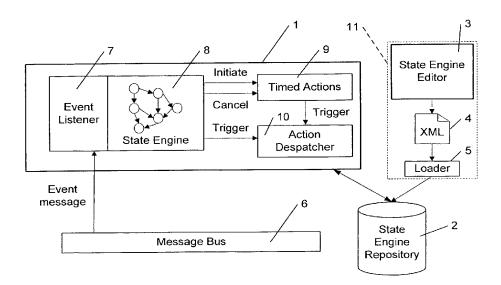
- (71) Applicant (for all designated States except US): RE-LAYSTAR [BE/BE]; Avenue Arnaud Fraiteur, 25, B-1050 BRUSSELS (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ODENT, Stephane [BE/BE]; c/o S.A. TEXACO BELGIUM N.V., Avenue Arnaud Fraiteur, 25, B-1050 BRUSSELS (BE). VAN DE PUTTE, Dimitri [BE/BE]; c/o S.A. TEXACO BELGIUM

N.V., Avenue Arnaud Fraiteur, 25, B-1050 BRUSSELS (BE). **VERNIER, Dominique** [BE/BE]; c/o S.A. TEX-ACO BELGIUM N.V., Avenue Arnaud Fraiteur, 25, B-1050 BRUSSELS (BE).

- (74) Agents: QUINTELIER, Claude et al.; Gevers & Vander Haeghen, Holidaystraat 5, B-1831 Diegem (BE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: A DEVICE AND A METHOD FOR PROCESSING EVENTS AND ACTIONS.



(57) Abstract: A device operating as a finite state machine and provided for processing events and actions relating to at least one object to be travelled between an initial and a final state, said device comprising a processing member connected to a memory, said initial and final state being integrated into at least one event-state-action diagram defining said finite state machine, said event-state-action diagram having a matrix structure where each event-state combination forms a matrix position. Actions formed by transitions, processing actions and timed actions are stored at the matrix positions. Said processing member being further provided for retrieving said actions and for supplying said retrieved actions to an action dispatcher in order to execute said actions, said action dispatcher comprising for each action of said third set an execution routine provided for controlling said execution of said action.

WO 2005/078611 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report